

What is claimed is:

1. A method for registering network information in a mobile terminal using a smart card, the method comprising the steps of:

a) receiving system network set-up information into a mobile terminal from a wireless communication system;

b) connecting a smart card in the mobile terminal and determining if there exists network set-up information in the smart card;

c) storing the newly-acquired network set-up information in a network set-up information file stored in the smart card if there is no network set-up information present in the smart card; and

d) comparing the existing network set-up information stored in the smart card with the newly-acquired system network set-up information obtained from a wireless communication system and updating difference between the existing network set-up information and the newly-acquired system network set-up information in the network set-up information file if there is the network set-up information present in the smart card.

2. The method as recited in claim 1, wherein the network set-up information file contains a service provider network related set-up Elementary File (EF).

3. The method as recited in claim 2, wherein the service provider network related set-up EF includes an IP address, a primary domain name server, a secondary domain name server, a wireless application protocol gateway address, a wireless application protocol access point name, a multimedia messaging service access point name and an Internet access point name.

4. A method for registering network information in a mobile terminal using a smart card, the method comprising the steps of:

a) receiving personal network set-up information entered by a user;

b) connecting to a smart card and determining if there exists network set-up information in the smart card;

c) storing the newly-acquired network set-up information in the network set-up information file stored in the smart card if there is no network set-up information present in the smart card; and

d) comparing the existing network set-up information stored in the smart card with the newly-acquired personal network set-up information inputted by a user and updating differences between the existing network set-up information and the newly-acquired personal network set-up information if there is network set-up information present in the smart card.

5. The method as recited in claim 4, wherein the network set-up information file includes a personal network

related set-up Elementary File (EF).

6. The method as recited in claim 5, wherein the  
personal network related set-up EF includes a Simple Mail  
5 Transfer Protocol server address, a Post Office Protocol  
version 3 server address and an Internet Message Access  
Protocol version 4 server address.

10

15